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				U.S. PATENT DOCUM	IENTS	
		U.S. Patent I	Document	Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yy)	
Exam. Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)			Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exam. Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
41.1.	CA	"Reconfigurable Signal Processor For Channel Coding and Decoding in Low SNR Wireless Communications", Haiter, S., et al. Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop on Cambridge, MA, USA, 8-10 Oct. 1998, New York, NY, pp. 260-274, XP010303741, ISBN: 0-7803-4997-0	
H.V,	СВ	"Soft-Output Decoding Algorithms in Iterative Decoding of Turbo Codes", Benedetto, S., et al., TDA Progress Report, February 1996, pp. 63-87, XP002932926	
H.V	CC	"Fixed Point Implementation For Turbo Codes", Tri Ngo, Ingrid Verbauwhede, Article from the Internet, 'Online, 1999, XP002290784, Retrieved from the Internet: URL; www.ucop.edu/research/micro/98 99/98 161.pdf> 'retrieved on 2004-07-29	
u.V.	С	"Optimal Decoding of Linear Codes for Minimizing Symbol Error Rate", Bahl, L.R., et al., March 1974, IEEE Transactions on information theory, IEEE Inc. New York, US, pp. 284-287, XP000760833, ISSN: 0018-9448	
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